



**Bounceless switch apparatus**

Patent Number:  US4315238

Publication date: 1982-02-09

Inventor(s): EVENTOFF FRANKLIN N

Applicant(s): EVENTOFF FRANKLIN NEAL

Requested Patent: CA1143030 

Application Number: US19800140921 19800416

Priority Number(s): US19800140921 19800416; US19790078323 19790924

IPC Classification: H01C10/10; H01C10/12

EC Classification: B60C23/04C, G01L1/20, H01C10/10C, H01H1/02B, H01H13/70B

Equivalents:

---

**Abstract**

---

A pressure responsive, variable resistance, analog switch has first and second conductors interleaved in spaced-apart relationship and disposed on a base member. An insulative spacer ring is positioned around and rises above the first and second conductors. A resilient cover sheet is attached to the top of the insulative spacer ring in spaced relationship over the conductors to define an enclosure between the resilient cover sheet and the base member. A pressure sensitive resistive conductor composition is disposed on the resilient cover sheet or on the conductors in the enclosure to interconnect a resistance between the first and second conductors when the resilient cover sheet is depressed against the conductors. The amount of resistance so interconnected varies inversely to the amount of pressure exerted.

---

Data supplied from the esp@cenet database - I2

**BEST AVAILABLE COPY**